

FIG.1

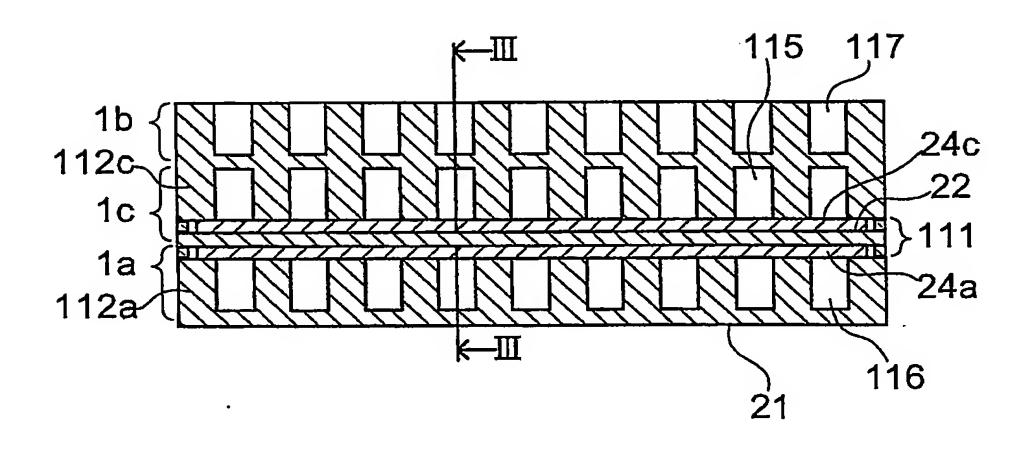


FIG.2

Title: FUEL CELL SYSTEM Inventor(s): Hiroaki HASHIGAYA et al.

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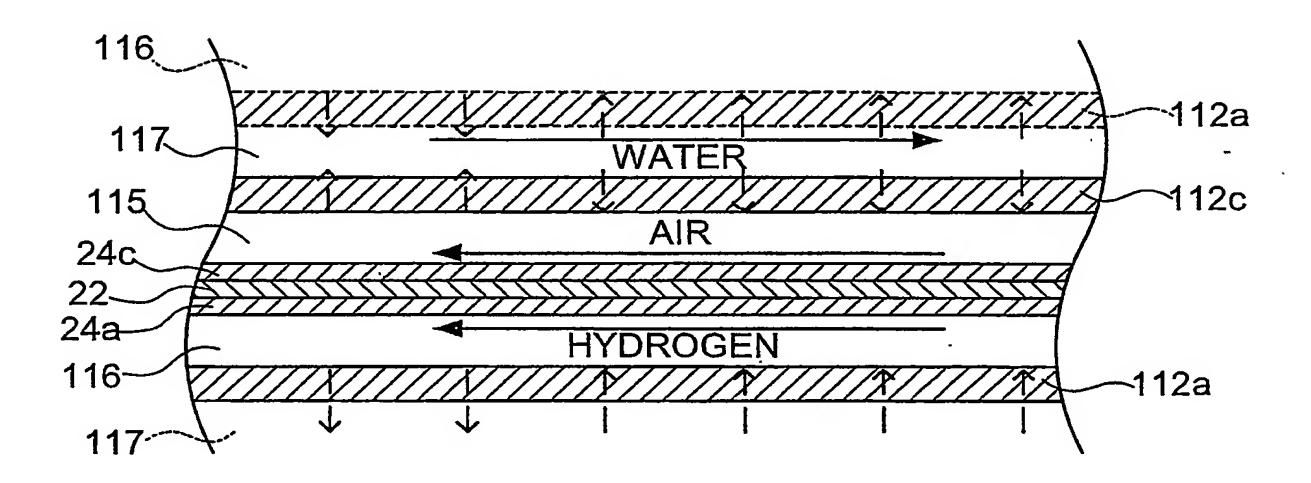
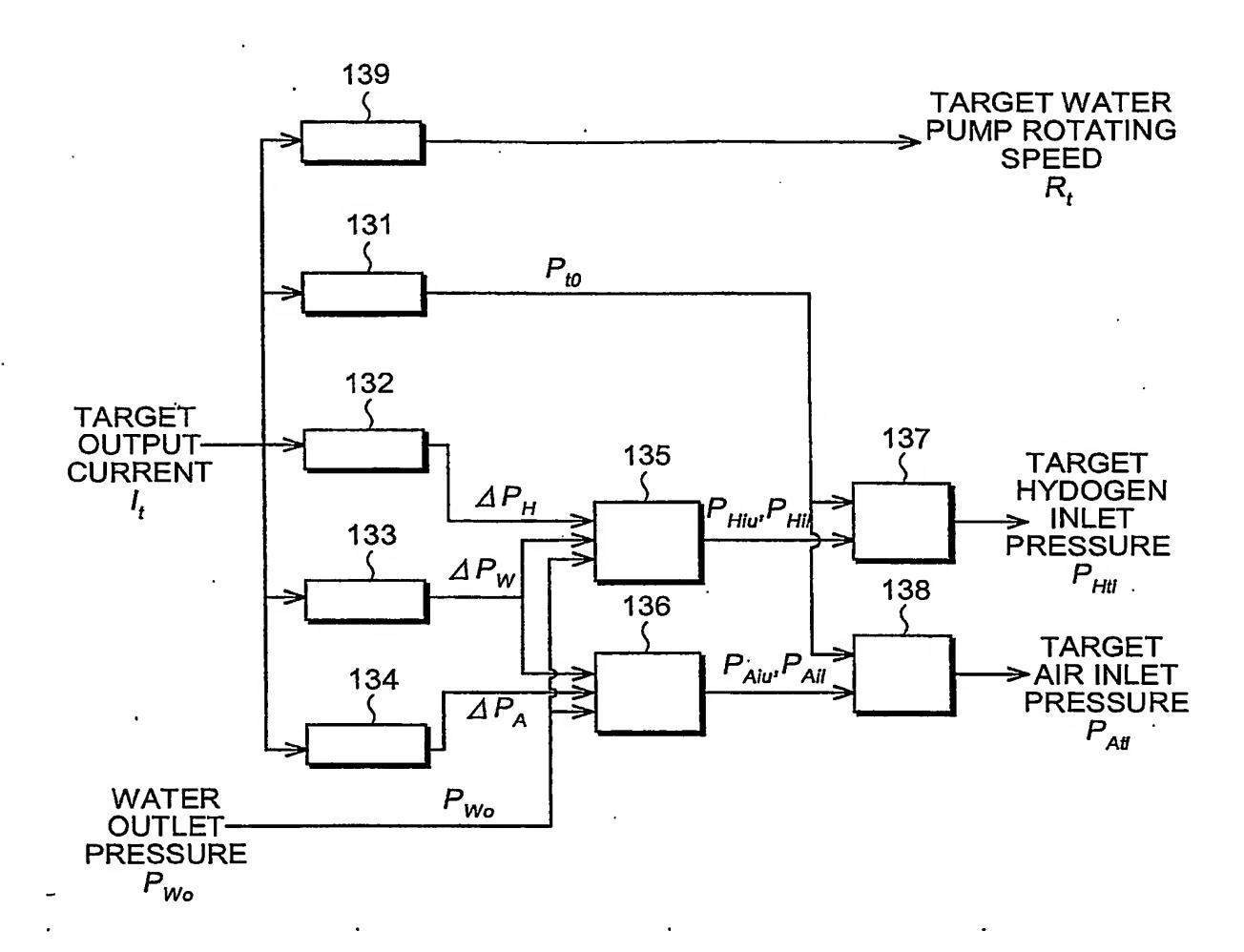


FIG.3

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131 TARGET GAS PRESSURE SETTING UNIT

132 HYDROGEN PRESSURE REDUCTION AMOUNT COMPUTING UNIT

133 WATER PRESSURE REDUCTION AMOUNT COMPUTING UNIT

134 AIR PRESSURE REDUCTION AMOUNT COMPUTING UNIT

135 TARGET HYDROGEN PRESSURE LIMIT SETTING UNIT

136 TARGET AIR PRESSURE LIMIT SETTING UNIT

137 TARGET HYDROGEN PRESSURE SETTING UNIT

138 TARGET AIR PRESSURE SETTING UNIT

139 TARGET WATER PUMP ROTATING SPEED SETTING UNIT

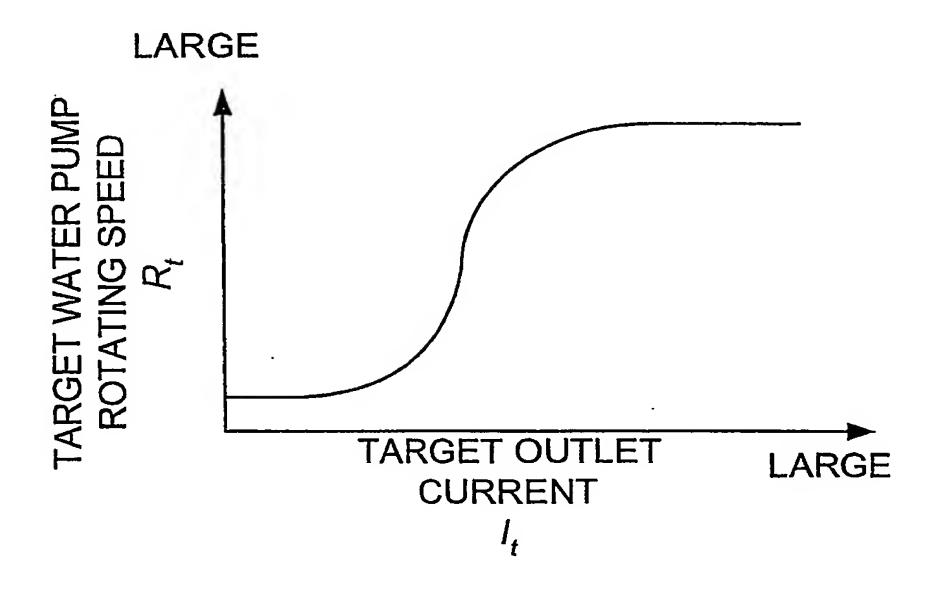


FIG.5

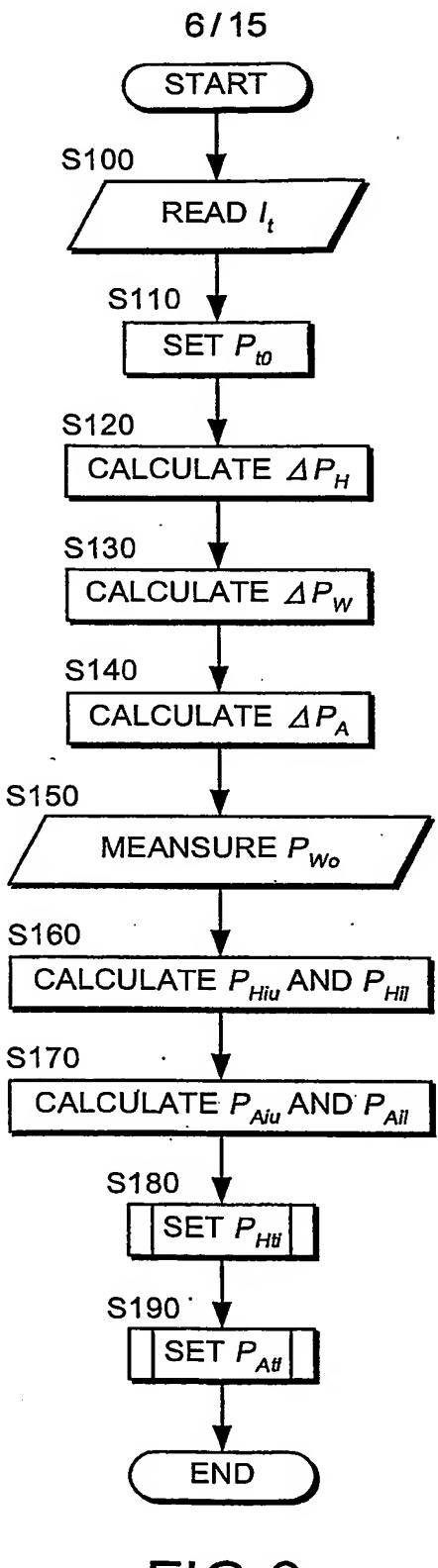


FIG.6

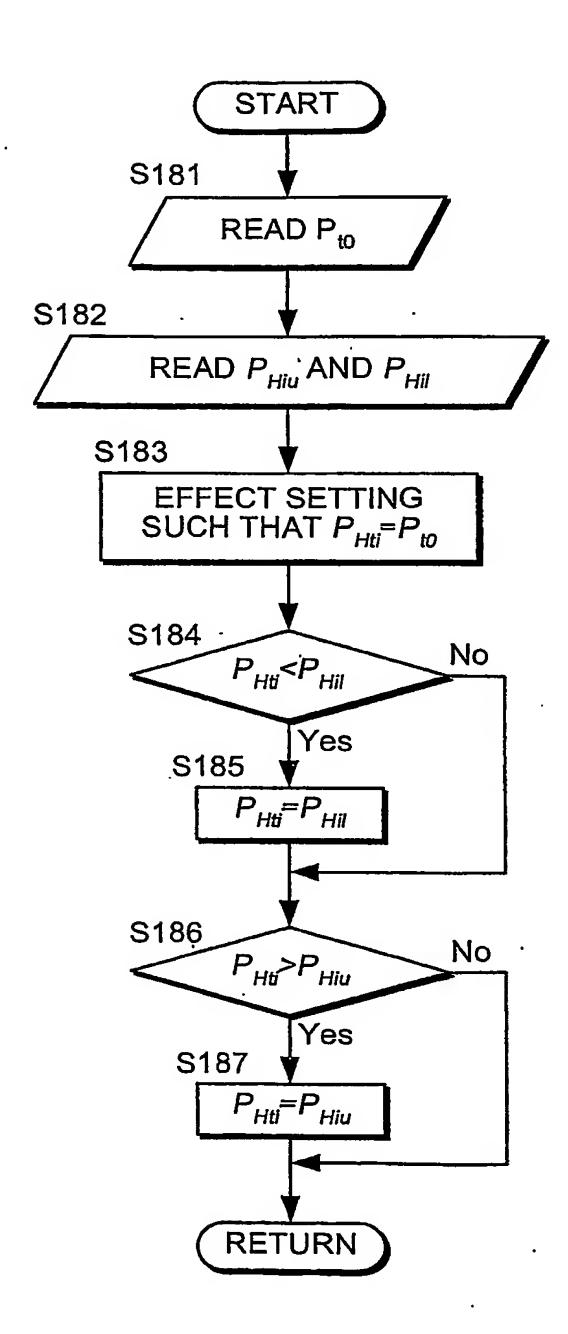


FIG.7

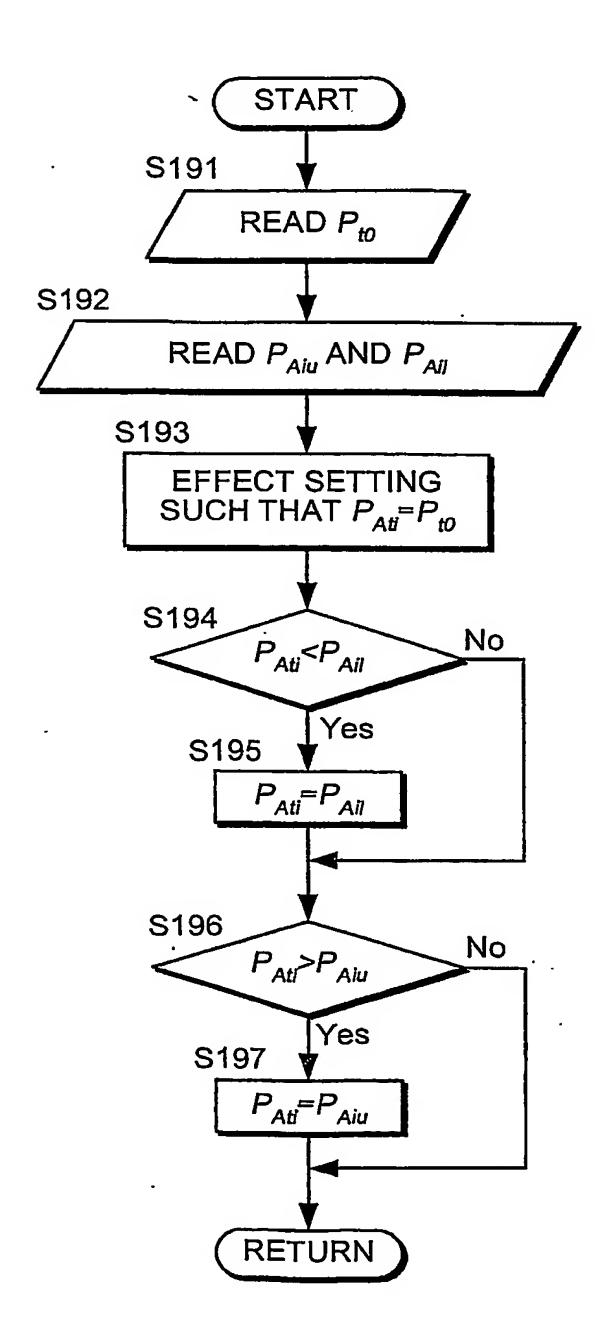


FIG.8

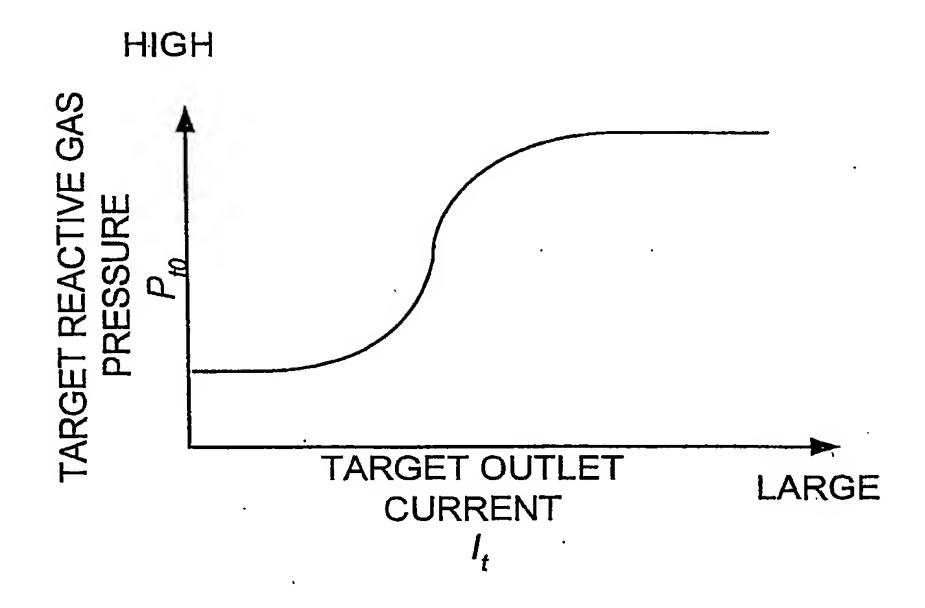


FIG.9

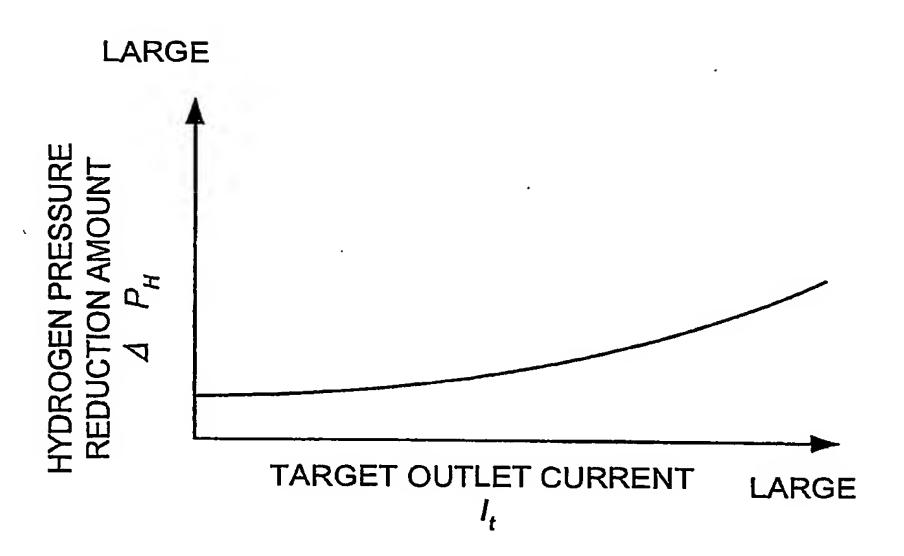


FIG.10

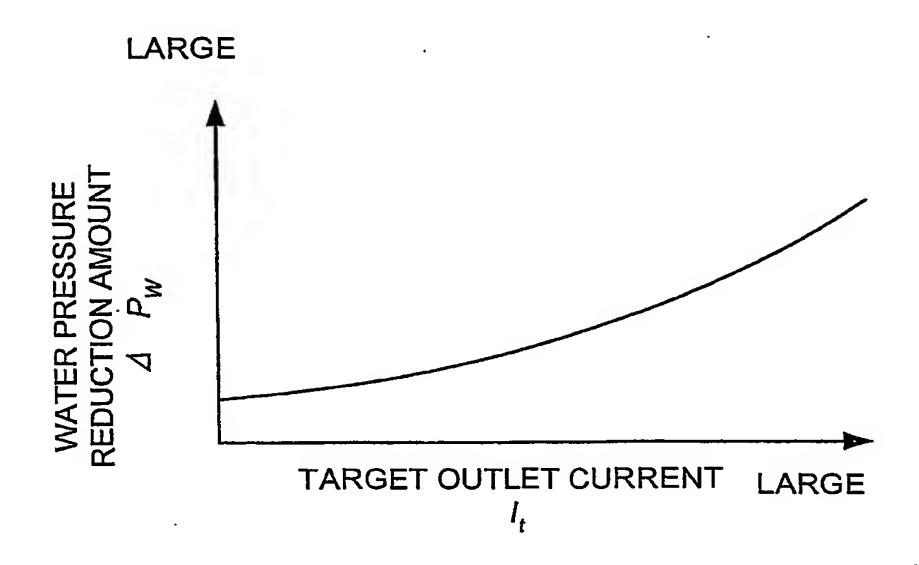
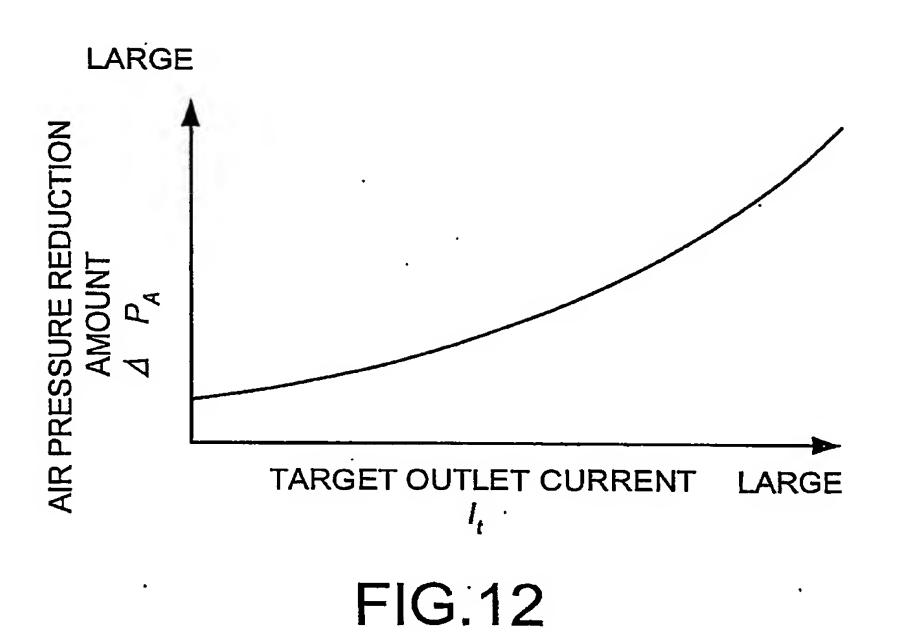


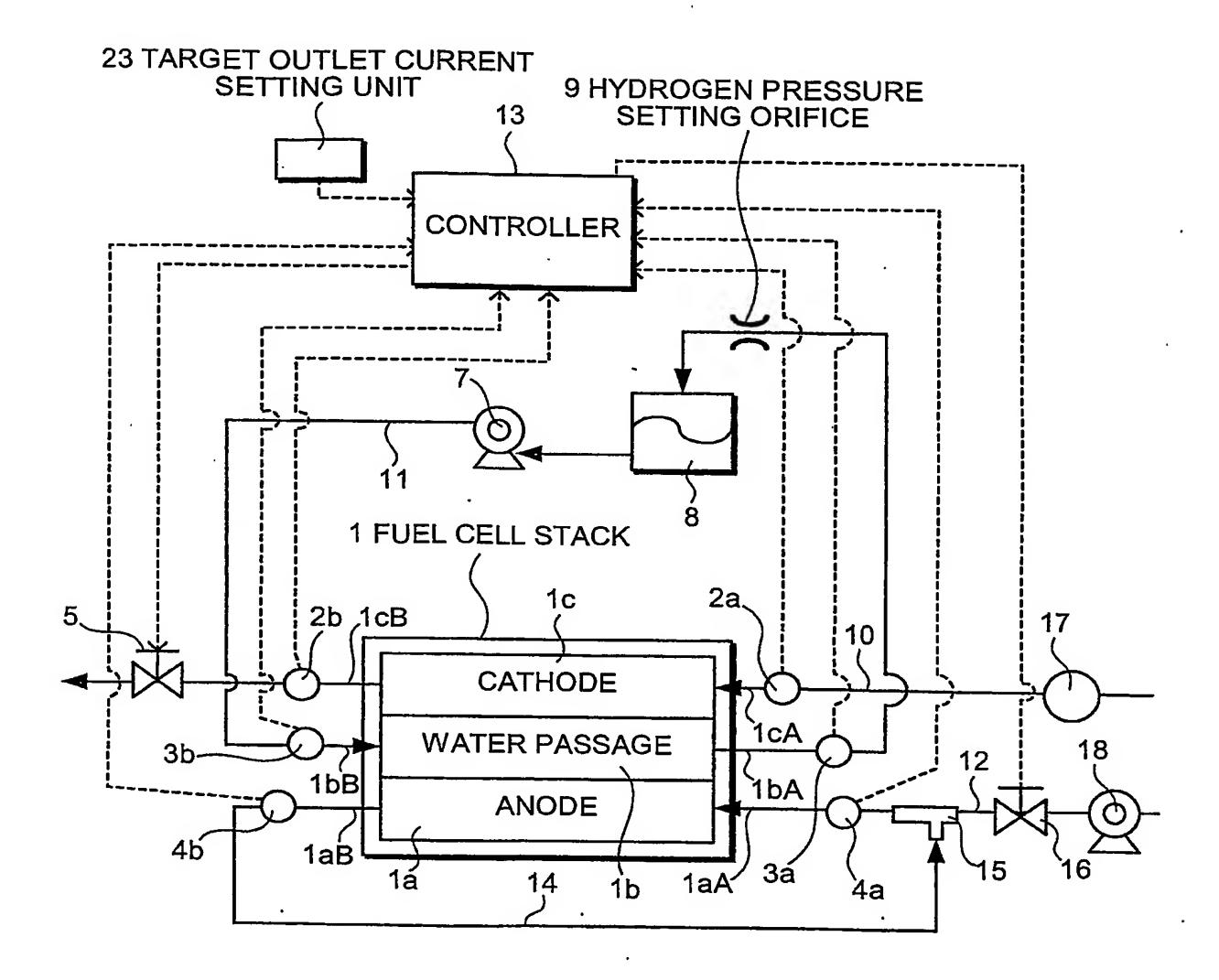
FIG.11



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2a AIR INLET PRESSURE SENSOR

2b AIR OUTLET PRESSURE SENSOR

3a WATER OUTLET PRESSURE SENSOR

3b WATER INLET PRESSURE SENSOR

4a HYDROGEN INLET PRESSURE SENSOR

4b HYDROGEN OUTLET PRESSURE SENSOR

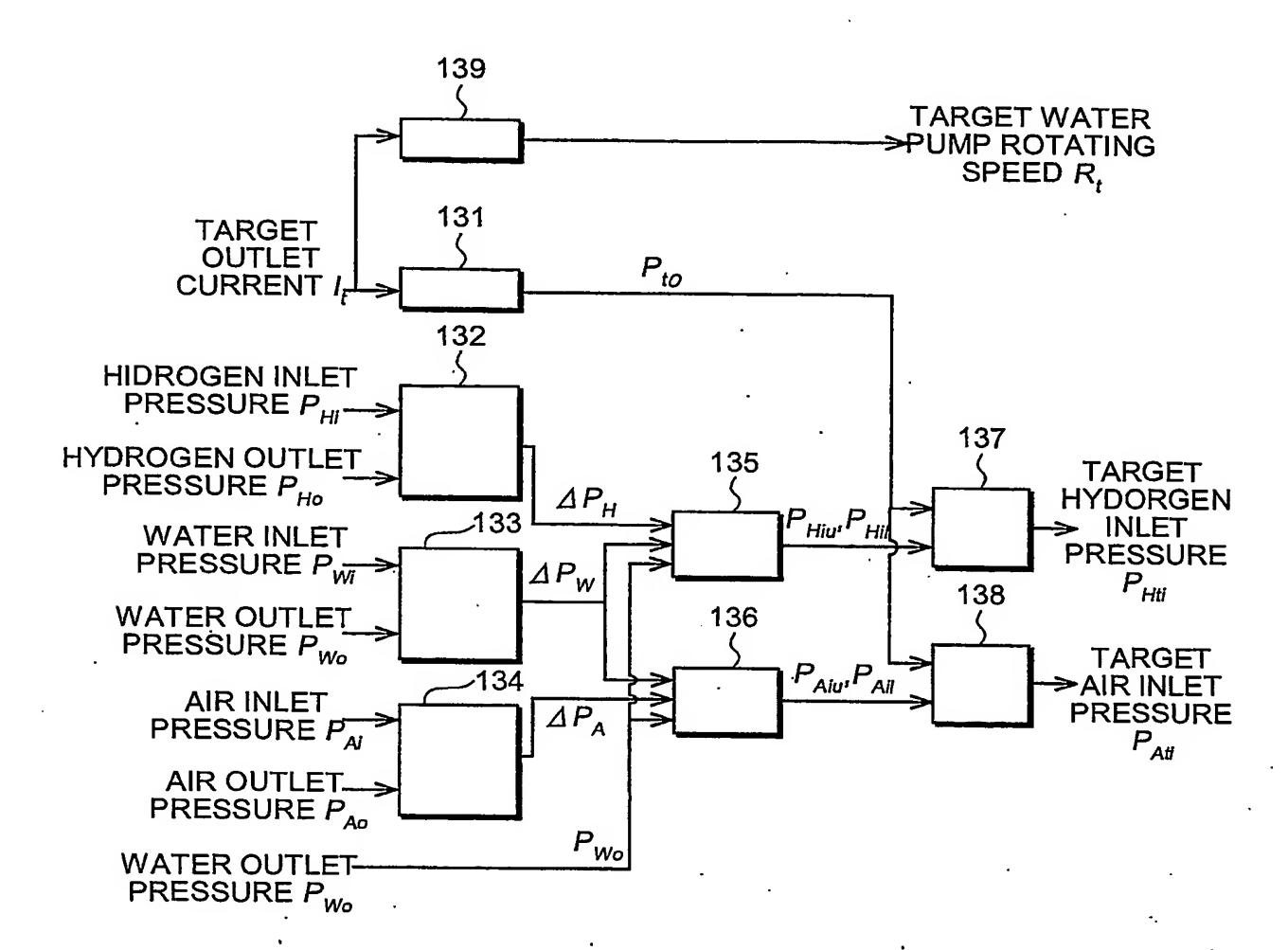
17 COMPRESSOR

18 FUEL PUMP

FIG.13

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- 131 TARGET REACTIVE GAS PRESSURE SETTING UNIT
- 132 HYDROGEN PRESSURE REDUCTION AMOUNT CALCULATE UNIT
- 133 WATER PRESSURE REDUCTION AMOUNT CALCULATE UNIT
- 134 AIR PRESSURE REDUCTION AMOUNT CALCULATE UNIT
- 135 TARGET HYDROGEN PRESSURE LIMIT SETTING UNIT
- 136 TARGET AIR PRESSURE LIMIT SETTING UNIT
- 137 TARGET HYDROGEN PRESSURE SETTING UNIT
- 138 TARGET AIR PRESSURE SETTING UNIT
- 139 TARGET WATER PUMP ROTATING SPEED SETTING UNIT

FIG.14

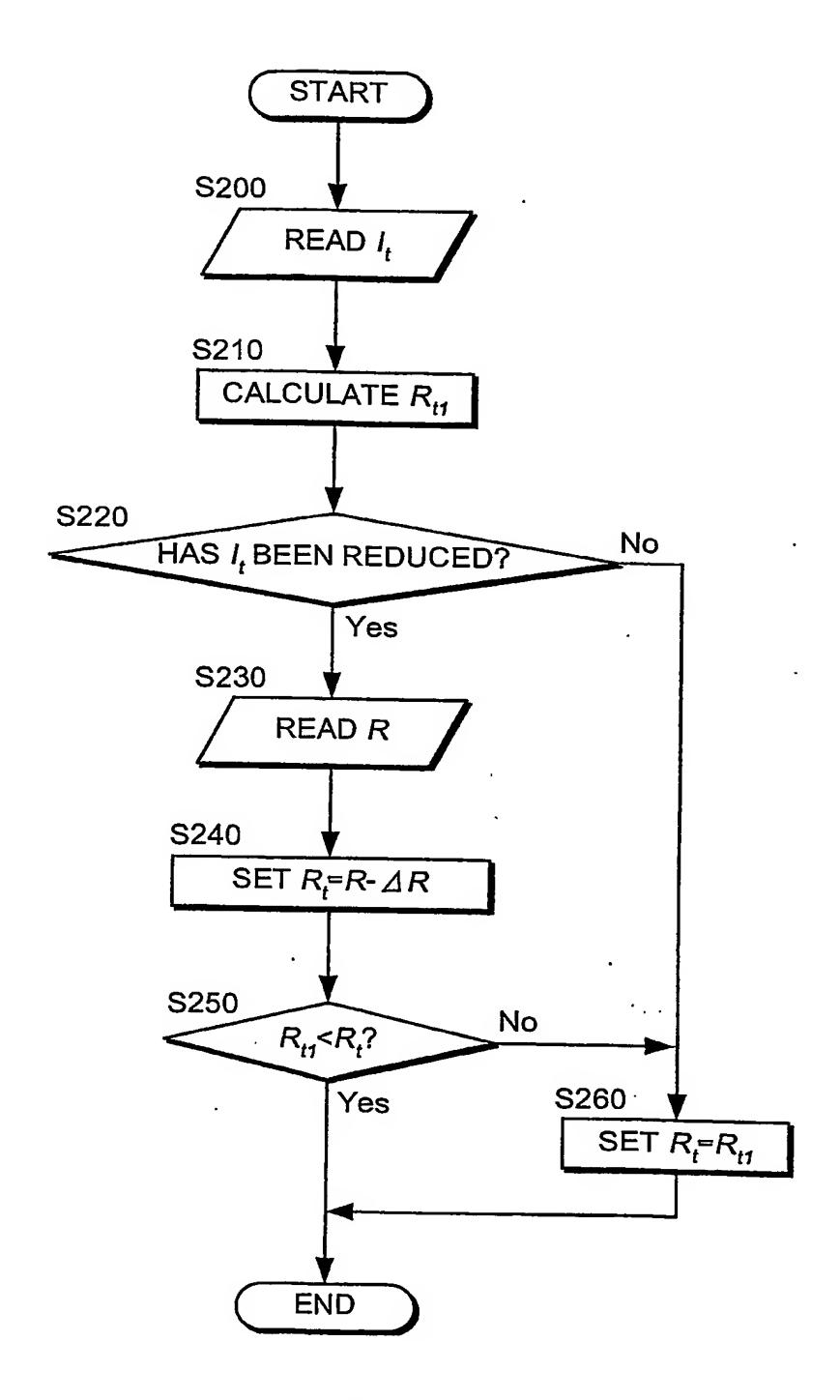


FIG.15